

SYLVALITE™ ENDURA 99 Rosin Ester

PRODUCT DATA SHEET

SYLVALITE ENDURA 99 rosin ester is an ester of stabilized Tall Oil Rosin. This innovative, light colored product has been formulated to provide excellent resistance to oxidation. When compounded in Ethylene Vinyl Acetate (EVA) hot melt adhesives, it provides notably improved color stability as compared to other tackifiers.

FEATURES:

- Color stability
- Low odor and volatility
- Broad compatibility
- Good specific adhesion to a variety of substrates

POTENTIAL APPLICATIONS:

- Packaging
- Hot Melt Pressure sensitive adhesives
- Bookbinding

SALES SPECIFICATIONS

Property	Test Method*	Specification	Typical Value
Softening Point (°C)	AQCM 003	94 – 100	98
Color (Gardner, neat)	AQCM 002	Max. 5	4-
Acid Number (mg KOH/g)	AQCM 001	Max. 15	9

*Kraton test methods are available upon request

TYPICAL PROPERTIES

Property	Test Method*	Typical Value
Glass Transition Temperature (°C)	AQCM 218	49
Viscosity, Brookfield (125°C), cps.	AQCM 004	14340
Viscosity, Brookfield (150°C), cps.		1155
Viscosity, Brookfield (177°C), cps.		195

*Kraton test methods are available upon request

Contact us:

Almere (NL): +31 (0)36 54 62 800
 Savannah (US): + 1 (912) 238-6439
 Shanghai (CN): + 86 21 6434 8898
www.kraton.com

SOLUBILITY	SYLVALITE ENDURA 99 rosin ester is soluble in: <ul style="list-style-type: none"> - Aromatics and aliphatic hydrocarbon solvents, like hexane and toluene - Esters and ketones, such as ethyl acetate and acetone - Long chain alcohols, such as butanol and pentanol - Chlorinated solvents
COMPATIBILITY	SYLVALITE ENDURA 99 rosin ester is compatible with: <ul style="list-style-type: none"> - Ethylene Vinyl Acetate (EVA) - Ethylene Butyl Acrylate (EBA) - Styrene-Isoprene-Styrene (SIS) - Styrene-Butadiene-Styrene (SBS) - SB Rubber - Natural rubber - Acrylic polymers
PACKAGING	SYLVALITE ENDURA 99 rosin ester is available in pastille form in 25 kg multiwall bags.
STORAGE RECOMMENDATION	This rosin ester provides excellent shelf stability compared with other resins. To preserve product quality, storage and transit dry and below 30°C/ 86°F is recommended. To prevent remassing, keep away from direct sun light or other sources of heat. Prolonged storage, especially at temperatures higher than ambient, should be avoided due to potential effects on performance.

Disclaimer

We cannot anticipate all circumstances, conditions or applications in which this information, our products, or the products of other suppliers in combination with our products may be used. We accept no responsibility for results obtained by the application of this information or for the safety or suitability of our products, either alone or in combination with other products. The user of our products bears the responsibility of determining their suitability for a particular application or formulation, or determining that the products or their use do not infringe any intellectual property. Unless otherwise stated in writing, WE MAKE NO WARRANTY REGARDING THE INFORMATION PROVIDED HEREIN OR OUR PRODUCT, EITHER EXPRESS OR IMPLIED, INCLUDING MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, OR NON-INFRINGEMENT OF ANY INTELLECTUAL PROPERTY. The buyer assumes all responsibility and liability for loss or damage arising from the handling and use of our products, whether used alone or in combination with other products.

KRATON, the KRATON logo, and SYLVALITE are trademarks of Kraton Corporation, or its subsidiaries or affiliates, in one or more, but not all countries.

©2016 Kraton Corporation

Contact us:

Almere (NL): +31 (0)36 54 62 800
 Savannah (US): + 1 (912) 238-6439
 Shanghai (CN): + 86 21 6434 8898
www.kraton.com